



09/674109 #10

SEQUENCE LISTING

<110> HOECHST MARION ROUSSEL

<120> METHOD FOR SCREENING ANTIMYCOTIC SUBSTANCES USING
ESSENTIAL GENES FROM S.CEREVISIAE

<130> 16363PC RUU 7

<140>

<141>

<150> 98402254.1

<151> 1998-09-11

<150> 98401007.4

<151> 1998-04-24

<160> 180

<170> PatentIn Ver. 2.1

<210> 1

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YLR243w-S1

<400> 1

atgtctcgcg ttggtgtcat ggtattagga cctgcaggtg cagctgaagc ttcgtacgc 59

<210> 2

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YLR272c-S1

<400> 2

tttgggtctc gcactttctc agtcttccaa ctaatttctc cagctgaagc ttcgtacgc 59

<210> 3

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YLR275w-S1

<400> 3

ccgttttatc atgtcgatg ttgatctta accattttta cagctgaagc ttcgtacgc 59

<210> 4

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YLR275w-S2

<400> 4

caacgataac tgaatcacct cttagaata gtttacttat gcataggcca ctagtggatc 60
tg 62

<210> 5

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YLR276c-S1

<400> 5

cttcaacggg tctactttac cattctttgg cttactgact cagctgaagc ttcgtacgc 59

<210> 6

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YLR276c-S2

<400> 6

agctatgaga aaaagtctgt ggaaggcgct tatattgacg gcataggcca ctagtggatc 60
tg 62

<210> 7

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YLR317w-S1

<400> 7

ctgccatctt ctgccaccac tttgtccttc tttcttgatg cagctgaagc ttcgtacgc 59

<210> 8

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YLR359w-S1

<400> 8

ggctattgct gagaaggaat tgggcttaac tgttggtaca cagctgaagc ttcgtacgc 59

<210> 9

<211> 62

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR359w-S2

<400> 9
aacttgactt gttcatcggt taggtacttt tggaaagggt gcataggcca ctagtggatc 60
tg 62

<210> 10
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR373c-S1

<400> 10
acacacaggt acagagtgtt gaaagaggat tgggtgttggc cagctgaagc ttcgtacgc 59

<210> 11
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR373c-S2

<400> 11
caaacagact ttgttccttt gtatgtccta tggaagatac gcataggcca ctagtggatc 60
tg 62

<210> 12
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR424w-S1

<400> 12
gacatgacat aactaatga tgccttgaaa actagtagcg cagctgaagc ttcgtacgc 59

<210> 13
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR424w-S2

<400> 13
ataggtactt tctagagggtc aagggcccat aaataaattg gcataggcca ctagtggatc 60
tg 62

<210> 14
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR437c-S1

<400> 14
attgtgcaag tctgttaaag tcttctcttg gatccattaa cagctgaagc ttcgtacgc 59

<210> 15
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR437c-S2

<400> 15
catcacac taatacagga acaaacaaga cttaatggac gcataggcca ctagtggatc 60
tg 62

<210> 16
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR440c-S1

<400> 16
ttgccaagaa aattgcagta aaaatgttgg aagagcaact cagctgaagc ttcgtacgc 59

<210> 17
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR440c-S2

<400> 17
gctccaattc tagtgtgctc cattgcgatg taacaatttc gcataggcca ctagtggatc 60
tg 62

<210> 18
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YFL024c-S1

<400> 18
tgatgaattt ttctgggtta tagaagagtt ctgtttcgct cagctgaagc ttcgtacgc 59

<210> 19
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YML049c-S2

<400> 19
actcctgcat cggacacttc gtcgatctgg aagcagggtc gcataggcca ctagtggatc 60
tg 62

<210> 20
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YFL024c-S2

<400> 20
acaccttcaa acgctataga gatcaatgac ggttcgcata gcataggcca ctagtggatc 60
tg 62

<210> 21
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YFR003c-S1

<400> 21
tgtggaagag gttcccgag ttttgcagct tcgagcaact cagctgaagc ttcgtacgc 59

<210> 22
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YFR003c-S2

<400> 22
atcttctttg tctacgttcg ttaaagtcaa gtccttctc gcataggcca ctagtggatc 60
tg 62

<210> 23
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YFR027w-S1

<400> 23
aatgaaagct aggaaatcgc agagaaaagc gggcagtaaa cagctgaagc ttcgtacgc 59

<210> 24
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YFR027w-S2

<400> 24
aatttggttg cgatacccaa cttccttgct gtcctgcaca gcataggcca ctagtggatc 60
tg 62

<210> 25
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YFR042w-S1

<400> 25
agtttgcacc aatggcaata tgctgtgat aaagataagg cagctgaagc ttcgtacgc 59

<210> 26
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YFR042w-S2

<400> 26
catggaagtt atttggttgc ttagattcca cgggttcaaa gcataggcca ctagtggatc 60
tg 62

<210> 27
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YIL109c-S1

<400> 27
tgtctcatca caagaaacgt gtttaccac aagctcagct cagctgaagc ttcgtacgc 59

<210> 28
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

YML077w-S1

<400> 28
atggggatat attcattttg gatctttgat aggcattgta cagctgaagc ttcgtacgc 59

<210> 29

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YIL109c-S2

<400> 29
tcatgatttg taagaattct ctgtaacttt cggtattcaa gcataggcca ctagtggatc 60
tg 62

<210> 30

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YIL091c-S1

<400> 30
agtgcaggtt ctgtgagggg aaagaatgat aatttccgtg cagctgaagc ttcgtacgc 59

<210> 31

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YIL091c-S2

<400> 31
cattgtaaaa ttcaggattg tttggaggct tataaaaaac gcataggcca ctagtggatc 60
tg 62

<210> 32

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YIL083c-S1

<400> 32
acctctaccc gtgctcaaca gacctcaaat tcatacgtct cagctgaagc ttcgtacgc 59

<210> 33

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YIL083c-S2

<400> 33
cgatgacttc tgggattatc atctcttcaa tgatatgggtg gcataggcca ctagtggatc 60
tg 62

<210> 34
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YIL019w-S1

<400> 34
ttcaaagaaa agcttttgaa agtcagttcg gatctttaga cagctgaagc ttcgtacgc 59

<210> 35
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YIL019w-S2

<400> 35
tagcgacggg atttcttttt gccattaaat ttaccactcc gcataggcca ctagtggatc 60
tg 62

<210> 36
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YIL104c-S1

<400> 36
tccccttact atttaagatt aagatttctt cacgaattaa cagctgaagc ttcgtacgc 59

<210> 37
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YIL104c-S2

<400> 37
cctgatacct gtaatgattg caatcttgat gagagagctg gcataggcca ctagtggatc 60
tg 62

<210> 38
<211> 59
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YIR010w-S1

<400> 38

atgagtctgg aaccacaca aacggtctcc ggtacgccgc cagctgaagc ttcgtacgc 59

<210> 39

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YML077w-S2

<400> 39

ttctattggt gatctttctt gtcccttgac ctctcatttc gcataggcca ctagtggatc 60
tg 62

<210> 40

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YIR010w-S2

<400> 40

accttagctc atcgactttt gtttctaact ttgtctcaac gcataggcca ctagtggatc 60
tg 62

<210> 41

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YIR015w-S1

<400> 41

gcgaaccagg accatttcca tagattaaac tacctctacc cagctgaagc ttcgtacgc 59

<210> 42

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YIR015w-S2

<400> 42

atttccagtt tttttggggt ccataacaac cgatggcatt gcataggcca ctagtggatc 60
tg 62

<210> 43

<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL233w-S1

<400> 43
atgtcacaa gtcagtccaa aaaactggac gtaactgttg cagctgaagc ttcgtacgc 59

<210> 44
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL233w-S2

<400> 44
caatcctcct ccaggaagtc cattaagcgc ttgacctttt gcataggcca ctagtggatc 60
tg 62

<210> 45
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL146c-S1

<400> 45
tccaactaat ctaaccaaga aaccatctca atacaaacag cagctgaagc ttcgtacgc 59

<210> 46
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL146c-S2

<400> 46
tttgaagtcc ttatgtgtcc actttttcagt gattttctgc gcataggcca ctagtggatc 60
tg 62

<210> 47
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL126w-S1

<400> 47
atgacgcaat ccctaggtat cgaacagtat aaactgtcag cagctgaagc ttcgtacgc 59

<210> 48
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL126w-S2

<400> 48
tatgttaata ctttcatcac acgatcaaaa aatgtatcca gcataggcca ctagtggatc 60
tg 62

<210> 49
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL093w-S1

<400> 49
caagattaca agaatcagag cgttctatat gcgtaaagtt cagctgaagc ttcgtacgc 59

<210> 50
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YML093w-S1

<400> 50
gctaacttaa atatggcaaa aaagaaatct aagagcagat cagctgaagc ttcgtacgc 59

<210> 51
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL093w-S2

<400> 51
cggaaatctg tcttaccgac accacgctta ccactgaata gcataggcca ctagtggatc 60
tg 62

<210> 52
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL063w-S1

<400> 52
ttcaagcatc cagaagactt ttaacaagtt attcaagttt cagctgaagc ttcgtacgc 59

<210> 53
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL063w-S2

<400> 53
ggattcagca atcttcttct ttttcttttc ctcttcaa at gcataggcca ctagtggatc 60
tg 62

<210> 54
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL024w-S1

<400> 54
atgtcttttt catctatctt atcacaggat atcacagatg cagctgaagc ttcgtacgc 59

<210> 55
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL024w-S2

<400> 55
acttgtgagt ccttcaatat gaaaacgccc ctattgaaca gcataggcca ctagtggatc 60
tg 62

<210> 56
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL020c-S1

<400> 56
tcagttgaag tagataagca ccggaacaca ctacagtatc cagctgaagc ttcgtacgc 59

<210> 57
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPL020c-S2

<400> 57

tcgggttaaaa tcaaattgggc aataaatctt ctcattcctaa gcataggcca ctagtggatc 60
tg 62

<210> 58

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPL012w-S1

<400> 58

atggatcaag acaaagttgc ttttctttta gagctggagg cagctgaagc ttcgtacgc 59

<210> 59

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPL012w-S2

<400> 59

atttgaactt tggacctttc ttattatggt tgccaatctt gcataggcca ctagtggatc 60
tg 62

<210> 60

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPL007c-S1

<400> 60

cccgttggtt gctcacggga catatcttta catgcgttgt cagctgaagc ttcgtacgc 59

<210> 61

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YML093w-S2

<400> 61

caaaggatca ataacttggc ctggcttagt catgattctc gcataggcca ctagtggatc 60
tg 62

<210> 62

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

YPL007c-S2

<400> 62
ggacttattg gtagatagaa aggaatttga ggattggaag gcataggcca ctagtggatc 60
tg 62

<210> 63

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR048w-S1

<400> 63
atgtcatcga gcaagaaaat cgtcacctc tatggatcgg cagctgaagc ttcgtacgc 59

<210> 64

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR048w-S2

<400> 64
aattagttat ttcctcacct aatctccata agtagtcttg gcataggcca ctagtggatc 60
tg 62

<210> 65

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR072w-S1

<400> 65
tgtctcaaag aaagctacaa caggatatcg ataagctttt cagctgaagc ttcgtacgc 59

<210> 66

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR072w-S2

<400> 66
agatttgccc attcctggtg gtaacttttc gatttcttta gcataggcca ctagtggatc 60
tg 62

<210> 67

<211> 59

<212> DNA

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YPR082c-S1

<400> 67
 cttcgattgc tgaaagagta aggaactttg cagttattta cagctgaagc ttcgtacgc 59

<210> 68
 <211> 62
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YPR082c-S2

<400> 68
 caataaagtt caacttgttg ttgttccctg taccaaaatc gcataggcca ctagtggatc 60
 tg 62

<210> 69
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YPR085c-S1

<400> 69
 ctgtacattc ttctgaaaga ctccatgctg cgaatttttg cagctgaagc ttcgtacgc 59

<210> 70
 <211> 62
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YPR085c-S2

<400> 70
 tcccacttta tagttatggg atttcgagct ggattcggta gcataggcca ctagtggatc 60
 tg 62

<210> 71
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YML114c-S1

<400> 71
 aacgtgtaat tgaggggactc ataaagggca atgacttcca cagctgaagc ttcgtacgc 59

<210> 72
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR105c-S1

<400> 72

agctcgatca tcgagggcca attgtctaaa aatctagcaa cagctgaagc ttcgtacgc 59

<210> 73

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR105c-S2

<400> 73

ctgtgttcta tcaatcttca tatttctagc tttaattctt gcataggcca ctagtggatc 60
tg 62

<210> 74

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR112c-S1

<400> 74

cattgtcaag ggtttgcccg tctatctaac agatgataat cagctgaagc ttcgtacgc 59

<210> 75

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR137c-S1

<400> 75

atgtcagatg ttaccaaca gaaaaagagg aaaagatcca cagctgaagc ttcgtacgc 59

<210> 76

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR112c-S2

<400> 76

gaaaccttcg ttttcttcat catccacatc cagtttcttt gcataggcca ctagtggatc 60
tg 62

<210> 77

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR143w-S1

<400> 77

atggggtcca agcacagagt agacactaag gataagaaaa cagctgaagc ttcgtacgc 59

<210> 78

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR143w-S2

<400> 78

ttcattgtcg cttcctgcgg cagctttaac taaatccaaa gcataggcca ctagtggatc 60
tg 62

<210> 79

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR144c-S1

<400> 79

ttccagaaaa tggtactcaa ttggaagaag atgagacaga cagctgaagc ttcgtacgc 59

<210> 80

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR144c-S2

<400> 80

ccatgctacc ccaggcaagt agacggtacc ttgggatgac gcataggcca ctagtggatc 60
tg 62

<210> 81

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YML114c-S2

<400> 81

gacttgtagt agcatcgata ttggttgtgt tatgtgctac gcataggcca ctagtggatc 60
tg 62

<210> 82
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPR169w-S1

<400> 82
ttttacatcc tgaactgccc attataataa ctggctttgg cagctgaagc ttcgtacgc 59

<210> 83
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YPR169w-S2

<400> 83
cttcttgatc ccatgctcat acaggtcctt tttttgttg gcataggcca ctagtggatc 60
tg 62

<210> 84
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YML127w-S1

<400> 84
ccgctaaatg gtactccagt aagcgaggca cccgccacaa cagctgaagc ttcgtacgc 59

<210> 85
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YML127w-S2

<400> 85
ataaccccga cgtgttttcc atgtattcag acaatgctaa gcataggcca ctagtggatc 60
tg 62

<210> 86
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR032w-S1

<400> 86
ctacagttat gaagcttggt tttgggaccc aaacgacaat cagctgaagc ttcgtacgc 59

<210> 87
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR032w-S2

<400> 87
cagaaaacta gtaaaattga tatacatcga gatcaaagac gcataggcca ctagtggatc 60
tg 62

<210> 88
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR093w-S1

<400> 88
atgtcgactg ctaggcctag aataatcact tcgaaggctc cagctgaagc ttcgtacgc 59

<210> 89
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR093w-S2

<400> 89
aagcaccaat tcagtagcgg ctctaattga gattcatctc gcataggcca ctagtggatc 60
tg 62

<210> 90
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR131c-S1

<400> 90
ctttaacttc cttttgccag tgaacaaaca ataattgtgg cagctgaagc ttcgtacgc 59

<210> 91
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR131c-S2

<400> 91

ggctctatcga ggtcaacgag gaacaagata gagtgggtctc gcataggcca ctagtggatc 60
tg 62

<210> 92

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

YMR185w-S1

<400> 92

atcaacatac acgatatatt gaatacaaga ccgaagctca cagctgaagc ttcgtacgc 59

<210> 93

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

YMR185w-S2

<400> 93

gtaatggggt ataaactatc tagtacgggt aaaagcttgt gcataggcca ctagtggatc 60
tg 62

<210> 94

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

YMR212c-S1

<400> 94

cctcttgaac ttaaagaatg taaatcttca tttgcgtott cagctgaagc ttcgtacgc 59

<210> 95

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

YDR499w-S1

<400> 95

atgagacgag aaacgggtggg tgaattttct tcagatgacg cagctgaagc ttcgtacgc 59

<210> 96

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

YMR212c-S2

<400> 96
cggatgatgt tcacaccaaa acatcagaaa ctggtcaatc gcataggcca ctagtggatc 60
tg 62

<210> 97

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YMR213w-S1

<400> 97

atacgtgaaa ggcggtgtat ggaccaatgt ggaggatcag cagctgaagc ttcgtacgc 59

<210> 98

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YMR213w-S2

<400> 98

gctgtaactg ttcaatagac tccaacttttg attggatcga gcataggcca ctagtggatc 60
tg 62

<210> 99

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YMR218c-S1

<400> 99

gactcaaagt cattagagt atcaactcta caacttttac cagctgaagc ttcgtacgc 59

<210> 100

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YMR218c-S2

<400> 100

gaaggcattt gacggaactg tacgaacggt taacaggctt gcataggcca ctagtggatc 60
tg 62

<210> 101

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YMR281w-S1

<400> 101
ctgaagaaaa gttaaatgaa gatgttgagg cgtacaaagg cagctgaagc ttcgtacgc 59

<210> 102
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR281w-S2

<400> 102
agtacgtatt gtgcatgtgt attcataagt gaaagcttgt gcataggcca ctagtggatc 60
tg 62

<210> 103
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: YMR288w-S1

<400> 103
gaaaacctgc agaaagaagc tgcacgtatt ggtgagaacg cagctgaagc ttcgtacgc 59

<210> 104
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR288w-S2

<400> 104
ccaaaccttc taaaatacgc ataatagcat gtggtgaagt gcataggcca ctagtggatc 60
tg 62

<210> 105
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR290c-S1

<400> 105
tgagttttac gtcttttggt atttggcggt tttccactgg cagctgaagc ttcgtacgc 59

<210> 106
<211> 59
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YML049c-S1

<400> 106
aattcctgct cattcaagga aagtctcagg aaattttcac cagctgaagc ttcgtacgc 59

<210> 107

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YMR290c-S2

<400> 107
gataagctga gcaatattaa caggagaagt atggctaccc gcataggcca ctagtggatc 60
tg 62

<210> 108

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YMR211w-S1

<400> 108
agagagcaaa ccatttgact actcaattct tcaatataca cagctgaagc ttcgtacgc 59

<210> 109

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YMR211w-S2

<400> 109
atttcaatca tcttactccg tgaatcaggt tcggaatgat gcataggcca ctagtggatc 60
tg 62

<210> 110

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR196c-S1

<400> 110
atgcttatga tcaaattgtg ttatacttca aggacaaaat cagctgaagc ttcgtacgc 59

<210> 111

<211> 62

<212> DNA

<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YDR196c-S2

<400> 111
 tttcaatctg ttcgtataag tcaaccaatg tgctgttatt gcataggcca ctagtggatc 60
 tg 62

<210> 112
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YDR299w-S1

<400> 112
 atggaaaaat cactagcgga tcaaatttcc gatatcgcca cagctgaagc ttcgtacgc 59

<210> 113
 <211> 62
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YDR299w-S2

<400> 113
 caaagatttg gatatcatcg tttttaacag cctctaattc gcataggcca ctagtggatc 60
 tg 62

<210> 114
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YDR365c-S1

<400> 114
 ctggagagaa cccaaagaag gaaggtgtag atgctagggt cagctgaagc ttcgtacgc 59

<210> 115
 <211> 62
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YDR365c-S2

<400> 115
 ttagtatgct ttttattaac agatttcaac ttgcttttct gcataggcca ctagtggatc 60
 tg 62

<210> 116
 <211> 59
 <212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR396w-S1

<400> 116

cagatacact attgtggtgt aatctggacc ttgactgtct cagctgaagc ttcgtacgc 59

<210> 117

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YMR211w-S2

<400> 117

atttcaatca tcttactccg tgaatcaggt tcggaatgat gcataggcca ctagtggatc 60
tg 62

<210> 118

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR396w-S2

<400> 118

tagagaaaac actgaatgat cttagcgacc gtacaaaaga gcataggcca ctagtggatc 60
tg 62

<210> 119

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR407c-S1

<400> 119

ttcttaagca tttcccaagc tatgttggcc catctaagat cagctgaagc ttcgtacgc 59

<210> 120

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR407c-S2

<400> 120

aataacagac aagataacgt tttcagagtc gaactggatt gcataggcca ctagtggatc 60
tg 62

<210> 121
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR416w-S1

<400> 121
acttacatgg aaaagatata tcgagtattg gaaagaggag cagctgaagc ttcgtacgc 59

<210> 122
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: YDR416w-S2

<400> 122
tcaaatatct agttctatct catctggatt aatcgaatat gcataggcca ctagtggatc 60
tg 62

<210> 123
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR449c-S1

<400> 123
cacatcaccg atttctaata atgtcgaaga caagatacta cagctgaagc ttcgtacgc 59

<210> 124
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR449c-S2

<400> 124
ataattaaat ctagaatttt atacctagga tcatcttctg gcataggcca ctagtggatc 60
tg 62

<210> 125
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR141c-S1

<400> 125
ttcgtaatct ttgaattctg cgatttcacg taccagcgcg cagctgaagc ttcgtacgc 59

<210> 126
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR141c-S2

<400> 126
cactaaagcc ccttacaatt gactcaaata ataaacaact gcataggcca ctagtggatc 60
tg 62

<210> 127
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR324c-S1

<400> 127
aagaagcctg aaaatacgaa acaaaccggt gaagatgacc cagctgaagc ttcgtacgc 59

<210> 128
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR049c-S2

<400> 128
tctgttctaa cataactagg tcaatgatgg ctaagaacaa gcataggcca ctagtggatc 60
tg 62

<210> 129
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
primerYDR324c-S2

<400> 129
aaacactaac tttggttgaa taaacgcctt ttgtttggag gcataggcca ctagtggatc 60
tg 62

<210> 130
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR325w-S1

<400> 130

gacattaata cgaaaatctt taactcagtt gctgaagtat cagctgaagc ttcgtacgc 59

<210> 131

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR325w-S2

<400> 131

acctcgctga aagactctga atccttatct tcttcatcta gcataggcca ctagtggatc 60
tg 62

<210> 132

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR398w-S1

<400> 132

atggattctc ctgttctaca gtccgcttat gacccatcag cagctgaagc ttcgtacgc 59

<210> 133

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR398w-S2

<400> 133

aacgtcacta tatccggctt cctcctcgcc gtcgctctgc gcataggcca ctagtggatc 60
tg 62

<210> 134

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR246w-S1

<400> 134

atggccatcg aaacaatact tgtaataaac aaatcaggcg cagctgaagc ttcgtacgc 59

<210> 135

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR246w-S2

<400> 135
aacagggttag atcttatagg catttccatt gagtaagatg gcataggcca ctagtggatc 60
tg 62

<210> 136
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR236c-S1

<400> 136
ctaaaatatt gaacttgacc ctggcccat aaaaatcatt cagctgaagc ttcgtacgc 59

<210> 137
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR236c-S2

<400> 137
ttgaagtgtt gatgtttacg tggactatct atgtttcgtt gcataggcca ctagtggatc 60
tg 62

<210> 138
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR361c-S2

<400> 138
ttaccaagtg gaaatttctg tttccaattc atcgatactt gcataggcca ctagtggatc 60
tg 62

<210> 139
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YMR134w-S1

<400> 139
gcaaagtgtg gtatagaaaa agaaccaaag gccggtatgt cagctgaagc ttcgtacgc 59

<210> 140
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

YDR361c-S1

<400> 140
ggttcaagct atcaaattaa atgatttaaa aaataggaag cagctgaagc ttcgtacgc 59

<210> 141
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR367w-S1

<400> 141
atctgcgtac tttatacaat cgataccatt tccacttggt cagctgaagc ttcgtacgc 59

<210> 142
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR367w-S2

<400> 142
gttttgttct acgtcatccc tatcaactaa atatttgggg gcataggcca ctagtggatc 60
tg 62

<210> 143
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: YDR339c-S1

<400> 143
tatgggtaaa gctaagaaaa caagaaagtt tggcctcgta cagctgaagc ttcgtacgc 59

<210> 144
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR339c-S2

<400> 144
taaaagacat ctggcaattt ttcaatgacg tatgcgtgac gcataggcca ctagtggatc 60
tg 62

<210> 145
<211> 59
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR413c-S1

<400> 145
ttcttttggtt tattcttcgt tcatttttgg tcaaatatct cagctgaagc ttcgtacgc 59

<210> 146
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR413c-S2

<400> 146
acaaaagaaa gcacaagagt ttattaagga gcaggaaagg gcataggcca ctagtggatc 60
tg 62

<210> 147
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR429c-S1

<400> 147
tctagatcta tcattacata caagattgaa gacgggtgtca cagctgaagc ttcgtacgc 59

<210> 148
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR429c-S2

<400> 148
tttctttggt tctaacgaca gaaactcttg gaatgggtgc gcataggcca ctagtggatc 60
tg 62

<210> 149
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR468c-S1

<400> 149
gtcacaatac tgctggtgat gacgatcaag aggaggaaat cagctgaagc ttcgtacgc 59

<210> 150
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YMR134w-S2

<400> 150
 tgtgtgtgtg cctacctgca tgtatgcatt tagcaattga gcataggcca ctagtggatc 60
 tg 62

<210> 151
 <211> 62
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YDR468c-S2

<400> 151
 caagacgaca ataagaagtc ctatacaaca atcgtcgtat gcataggcca ctagtggatc 60
 tg 62

<210> 152
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YDR489w-S1

<400> 152
 actaccaca gagatgcaaa tacaatagtg ggttcgtcct cagctgaagc ttcgtacgc 59

<210> 153
 <211> 62
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YDR527w-S2

<400> 153
 cccaccgcc ttgtttccat aaccaaagtg catcaatagc gcataggcca ctagtggatc 60
 tg 62

<210> 154
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: primer
 YDR288w-S1

<400> 154
 atgagttcta tagataatga cagcgatgtg gatttaacag cagctgaagc ttcgtacgc 59

<210> 155
 <211> 62
 <212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR288w-S2

<400> 155

gccccatgatt tcttgcacca atttttcaag agactctagt gcataggcca ctagtggatc 60
tg 62

<210> 156

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR201w-S1

<400> 156

cccatgtctg gactattcag agcatcatcg tcatccatac cagctgaagc ttcgtacgc 59

<210> 157

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR201w-S2

<400> 157

aaaagggttt tccgttttagt tcccgaatat gatgttgaaa gcataggcca ctagtggatc 60
tg 62

<210> 158

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR434w-S1

<400> 158

atgtccaatg caaatctaag aaaatgggtt ggtttttgct cagctgaagc ttcgtacgc 59

<210> 159

<211> 59

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YML023c-S1

<400> 159

cacgcaatgg tgcacattat tttgttgaac tcactgagaa cagctgaagc ttcgtacgc 59

<210> 160

<211> 62

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR434w-S2

<400> 160
taaaggtaaa tacacagcta tcatgtgctc ttgtgggaag gcataggcca ctagtggatc 60
tg 62

<210> 161
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR181c-S1

<400> 161
aggataaacc caaatgctgg acatctaagg aaatctaagt cagctgaagc ttcgtacgc 59

<210> 162
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR181c-S2

<400> 162
tagttggggt tgaatcgta tcacgggaga acattgcttt gcataggcca ctagtggatc 60
tg 62

<210> 163
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR531w-S1

<400> 163
atgccgcgaa ttactcaaga gatattcttac aattgcgatt cagctgaagc ttcgtacgc 59

<210> 164
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
primerYDR531w-S2

<400> 164
aaataagcta tttgcccaat attgttggag atggcgaata gcataggcca ctagtggatc 60
tg 62

<210> 165
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR186w-S1

<400> 165
ctagtcacca agaagaaaac ccgtaaaatc gtaggtcatg cagctgaagc ttcgtacgc 59

<210> 166
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR186w-S2

<400> 166
atacaaagag gatgccaagt agacttaaac actataaaat gcataggcca ctagtggatc 60
tg 62

<210> 167
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
primerYDR472w-S1

<400> 167
atgtctcaaa gaataattca accaagcgca tctgaccaac cagctgaagc ttcgtacgc 59

<210> 168
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR215c-S1

<400> 168
ttacttattg atgtcctcac aagaatatac aacttttata cagctgaagc ttcgtacgc 59

<210> 169
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR215c-S2

<400> 169
agctctcgga ttgcttcagg atttaaacta gcttctacga gcataggcca ctagtggatc 60

<210> 170
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YML023c-S1

<400> 170
cacgcaatgg tgcacattat tttggtgaac tcaactgagaa cagctgaagc ttcgtacgc 59

<210> 171
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR243w-S2

<400> 171
gataatatgg tttctatact gtcaggatta ttagattcca gcataggcca ctagtggatc 60
tg 62

<210> 172
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PRIMER
YLR272c-S2

<400> 172
ggtaactgac ttcggttactt tatgagatgt ccggcttttag gcataggcca ctagtggatc 60
tg 62

<210> 173
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YML023c-S2

<400> 173
attagttact tattctataa ttacactttt atcatgaacg gcataggcca ctagtggatc 60
tg 62

<210> 174
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR222c-S2

<400> 174
aatatgtaac tttgttcaac taagttatca acccttgtga gcataggcca ctagtggatc 60
tg 62

<210> 175
<211> 59
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YML049c-S1

<400> 175
aattcctgct cattcaagga aagtctcagg aaattttcac cagctgaagc ttcgtacgc 59

<210> 176
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YLR317w-S2

<400> 176
gaagtaaaact aactagtaaa gtaggctaatt tcgaaacgat gcataggcca ctagtggatc 60
tg 62

<210> 177
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR472w-S2

<400> 177
agccaaatct caaaccttcc ctgtcaagca cttgcctgtc gcataggcca ctagtggatg 60
tg 62

<210> 178
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer
YDR489w-S2

<400> 178
agtcgggctc atctatcatg tttacgtac cttctgtatc gcataggcca ctagtggatc 60
tg 62

<210> 179
<211> 59
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YDR527w-S1

<400> 179

atggacttac tgggcgatat agtggagaaa gatacatctg cagctgaagc ttcgtacgc 59

<210> 180

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer
YPR137w-S2

<400> 180

aaaagcctgt ttggtcaatg acagctgaat atataccatt gcataggcca ctagtggatc 60
tg 62